

DR. GOLDBLOOM AT MAC



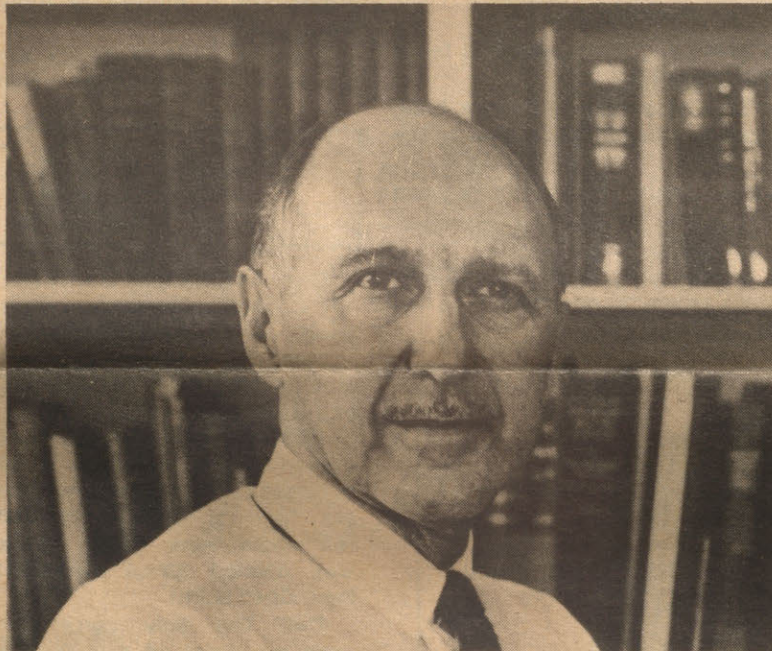
Dr. Victor Goldbloom, minister responsible for the quality of the environment.

Dr. Goldbloom is a pediatrician by profession. Until 1966, he held the position of vice-president of "Le College des Médecins et Chirurgiens de la province de Québec." In the same year Dr. Goldbloom was elected, at the National Assembly, as deputy of the new county of D'Arcy McGee. He became the principle spokesman of the Liberal Party regarding health and social welfare.

He was relected in 1970, when Premier Bourassa appointed him as minister without portfolio attached to education and health. Soon after Dr. Goldbloom was given the responsibility of the environment.



...THE MODERATOR



Dr. PIERRE DANSEREAU

proach to his studies. He should have a realistic view of the situation to present. How much does it cost to reduce the levels of pollution in a lake? How much can the province save by dropping the James Bay Project?

Dr. Pierre Dansereau

He is the moderator for the panel discussion. Dr. Dansereau participated in a discussion on pollution during last year's Royal. He is an experienced moderator in addition to being a true scientist. Botanist by profession, he has been associate professor at the University of Montreal, McGill, Michigan and Columbia. An 1955, Dr. Dansereau was appointed Dean of the Faculty of Sciences at the University of Montreal. He is now Director of CREM (Centre de Recherches Ecologiques de Montréal) where he has worked intensively on the Ste.-Scholastique airport project.

Here they are!
Make your bet!
Be there!!
Monday night
8:00 pm
Assembly Hall

...And the Panel

Robert Stewart

Bob is a fifth year student in wildlife ecology. On many occasions Bob has shown great interest and concern about what is happening to the environment, for instance, last year he was involved in a Macdonald project studying the ecological effects of the new international airport at Ste.-Scholastique. His areas of investigation for the forum will include James Bay, pesticides control and the use of herbicides.

Quebec many lakes, rivers and streams are polluted. At the present time this fact is subject to a strong opposition and it challenges the provincial government to find ways and methods of improving and controlling water quality. Last summer Lorraine tested pollution levels in the water at resort areas across the province. She will try to find out from the minister what is being done to improve the present situation.

Colleen Coates

Colleen is a fifth year student in general agriculture. Agricultural policies related to the environmental quality are of interest to Colleen. Apart from being a student, Colleen is working with the Extension

Lorraine Marceau

Lorraine is a fourth year student in Microbiology. Lorraine is the second panelist. Microbiology being her field of interest, she will introduce the aspect of water quality. In

Department, in Continuing Education, and she is quite aware of the areas of concern to the modern agriculturalist. She will discuss the problems of pesticides use, waste management, chemical fertilizers and intensive agriculture.

Marcel Couture

Marcel is a fifth year Agriculture Economics student. Some of the economic implications of environmental con-

trol, its long-term and short-term effects will be tackled by Marcel. Before entering the degree program, Marcel completed a diploma course and worked for a number of years for the provincial government. The experience of working has given Marcel a different ap-



BOB STEWART



COLLEEN COATES



LORRAINE MARCEAU



MARCEL COUTURE

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Carnival
Editor: Clan.

Editorial

New Dram, Maybe?

The Dram has undergone a shuffle and many new faces appear on the Editorial Board. The new Editor-in-Chief admits to having a somewhat sketchy knowledge on some of the aspects of publishing a newspaper. This insecurity in the mind of the new editor has been greatly eased by the offers of the many people who have volunteered to contribute in various ways to next year's Dram. If the enthusiasm of these people is any prediction of the quality of next year's paper, then you may expect a damned good newspaper!

We want to stimulate interest in campus happening, whether it be of academic interest, student affairs or sports. To keep the student body up to date on what's going on, we're going to have to publish on a weekly basis. If the paper is not a regular weekly publication its continuity and effectiveness as the voice of the student body is lost. If we can't publish every week, then our alternative suggestion is to publish an eight-page paper every other week. It will have to be eight pages in order to have any room left for articles after the ads have been put in.

These are some of the things we want to do on next year's paper. However, chances are that we may not be publishing any newspaper at all next year - IF the Students' Council takes measures of financial austerity. The predicament of the Students' Council is to be sympathized with since they are faced with declining revenue caused by the loss of the first two years of the C.S. programme. To top it all off, revenues may decline even further if the Post-Grads pull out of the Student Society as has been threatened.

We want to publish a newspaper next year. If you want us to do it, then help us to think of some ways to finance it.

If by any chance you have any brilliant inspirations, then bring your ideas to someone on the Students' Council Executive or the Dram Editorial Board.

If you can find a way to help save the Dram, we don't think you'll regret it.



Thank you no 1

Editor,

There are some people on this campus to whom I wish to convey my appreciation for many hours of hard work and inspiration.

There is Ian who spent hours swearing over a typewriter that couldn't spell. Many a night George paced the floor trying to remember the fudge factors for editorials. Mike faithfully practiced his squiggles to try and beat Bill's. Alas he never quite made it. Then Bill-he was noble enough to come down to give a needed hand to the Council's "official" opposition. Sports was ably handled by Les and Sue. Ron tried- very hard to fill the newspaper with ads. He almost made it but we decided to make it an eight page paper. Then there is Carol who prayed for a windfall of material.

There are lots of others who helped - Karen, Janet, Barb

Executives A.U.S.

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1972-'73 H.E.S.

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and Nina kept the three decrepit typewriters going. Terry, Charlie, (and when a look of desperation came upon me, Barb) volunteered to risk life and cars to travel to the printers.

From the one who confesses to be unable to proofread, count or divide by four, many thanks.

Barb Beal
Editor, The Dram '71-72

Thank You no 2

Editor,

Many thanks to companies and others who helped out with

the Clan Party with their donations. They were:
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Jennifer Hill,
Director of Clan Party

COUNCIL CORNER

B.T.G.

On a bad night, say March 14, Council meetings go something like this;

7:40 The meeting began (10 minutes late) with the changing of the minutes.

7:43 The minutes were accepted and it was on to old business. It was suggested that the Mac-Jac Liaison committee would work better if Mac was notified about the meetings. Good point!

7:45 The only correspondence we received was the application for a new savings bond.

7:47 Additions to the agenda.

7:50 Council began at the beginning of the agenda with Athletics. Bryan Murray was given the dubious honour of right of discussion. The proposed joint athletic budget for inter-collegiate sports '72-'73 will be \$24,000; half from JAC, half from Mac. Hopefully men's soccer, volleyball and wrestling and girls hockey and

field hockey will be included. JAC has agreed to sign a contract for payments if it is a mutual contract. Mr. Murray continued his report touching on all areas of Mac sports. If you have any questions, see him. Some highlights; McGill is re-entering varsity teams in a limited way - since when is \$50,000 a limited amount? Here's a good one - JAC will not join our intramurals as they don't feel they can field teams of as good quality as ours. Some problems were discussed on the special athletic board to facilitate life with JAC and finally at...

8:30 a Motion! To the effect that JAC be given representation on the board but not more than 49%. Here there was a brief pause for a discussion on semantics but at...

9:05 The motion was passed. Then it was a short session on C.C. minutes and approving them. A routine matter.

9:25 Hurrah - coffee time.

9:45 Council plunged headlong into C.C. policy to bring

forth JAC. It turned out to be a rehash and the problem was sent back to C.C. The premise was that Council set the policy and C.C. was to put it into working order.

10:50 A motion to adjourn was made and half the table prepared to go. It was defeated so settle back for the next round. The election regulations were discussed. There were some minor squabbles but nothing serious. However Council almost killed Fall Royal. They couldn't seem to understand that a chairman for this committee was needed before the middle of March. Finally someone came up with the idea that maybe a second set of elections in the fall would be a good idea. At...

11:35 Sufficient people yawned and went home to break quorum.

On March 20th they picked up where they left off and added library committee. All but the Bar problems with JAC were solved but it took till 11:30.



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- The Wild Bunch & Them.



EXPORT "A"

CANADA'S FINEST CIGARETTE

Environmental pollutants such as chlorinated hydrocarbons like D.D.T. have had extremely detrimental repercussions on certain species of wild life. Birds of prey (Raptors) have been especially susceptible to chlorinated hydrocarbon residues which interfere with normal formation of egg shells. The peregrine falcon, the warrior of the bird world, has become extinct in the United States and Canada and only a few remain in the Arctic and Alaska.

The falcon, with a flight speed of 100 M.P.H. Plus, is to the bird world what the leopard is to terrestrial species. The peregrine falcon is so fierce and wild that all the rest of the bird kingdom cowers in its presence.

The principal offender, D.D.T., along with closely related chlordane, heptachlor, Dieldrin, aldrin and endrin were once applied at a rate of over one billion pounds per year on a global basis !!! Residues of chlorinated hydrocarbons have been found to affect the hormone balance of the female peregrine. In normal female birds, estrogen levels increase during the breeding season, causing blood calcium levels to rise. These residues measurably depress estrogen levels in the blood. When the time comes for the mother's body to supply calcium to form the egg shell, there is insufficient amount and hence the shell is too thin. These imperfect eggs are culled instinctively by the mother who abruptly devours the egg's contents.

D.D.T. has not been used on a large scale in Canada for the past five years. Until a short time ago the United States and Central American countries were the prime source of pollution for Canadian birds who migrate south. Fortunately, the U.S.A. has also banned the use of D.D.T. to a great extent. In view of these facts, D.D.T. residues may decline to a level where birds of prey are no longer adversely affected.

Despite the possibility of the decline of levels of D.D.T. pollutants, the peregrine population is so decimated that their ability to repopulate their former domain unaided is doubtful. To date, several centers have been devoted to conservation and research of birds of prey. Notably, The Raptor Research Foundation in South Dakota, The Laboratory of Ornithology at Cornell University, The Hawk Trust in England and the Canadian Wildlife Service near Edmonton, Alberta. No such center exists in eastern Canada at the present time.

However, some members of the McGill community are endeavouring to alter the situation. Dr. Lemon of McGill and

EXTINCT?

Dr. Bider, Dr. Buckland, and Dr. Laque of Macdonald College in collaboration with Mr. David A. Hughes, Falconer, are presently involved in the planning stages of establishing a center for breeding and research of endangered birds of prey in Eastern Canada. The proposed site of this centre will be on the campus of Macdonald College in one of the existing structures of the Poultry Department.

The immediate aim is to explore means of breeding peregrine falcons through the use of artificial insemination. Successful breeding of the pere-

grine falcon by artificial insemination has never yet been carried out. The Animal Science Department of Macdonald and the Zoology Department of McGill plan to conduct research on the reproductive physiology and endocrinology of the falcon as well as mating behavior of the bird, so that successful matings may be carried out in captivity.

If successful breeding of the falcon in captivity is accomplished, the major obstacle will be surmounted in returning the peregrine falcon to its natural habitat.

Fergus G. Alexander



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Housman

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(Last Poems)

Shakespeare

"For a quart of ale is a dish for
a king".

(The Winter's Tale)

Borrow

"Good ale, the true and
proper drink..."

(Lavengro)

Browning

"There they are, my fifty men
and women".

(One Word More)



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What's happened in Student Recruitment

Many have been wondering about the progress of the attempts to entice new students to enroll to study the next year at our college. The "Dram" interviewed Gordon Thomson, Chairman of the "CEGEP and High School Liaison Committee" to find out the details on what has been happening in advertising our institution to potential students.

The efforts of the Liaison Committee have been directed at high school, CEGEP and early university year students in Quebec and the Maritimes. Earlier in the spring session a group composed of professors and students journeyed to Truro, Nova Scotia, where they spoke to students of all three university years about the programmes offered at Macdonald. The last day of their visit was devoted to individual counselling of students who wanted more details. The NSAC students responded to this occasion enthusiastically and the Macdonald people were kept heavily occupied throughout the day in answer-

ing questions posed by the students.

Earlier this month two staff members, Professors Elliot and Henneberry, had the occasion to go to the University of Prince Edward Island where they discussed the Macdonald programmes with various members of the academic staff. The reaction of the students and staff of that university seem to indicate that the possibility of winning over many of their students to Macdonald will prove difficult. This is mostly due to the fact that after two years of study at U. of P.E.I., a student requires three more years at Macdonald to get a B.Sc. (Agr.). Transfer to Macdonald means a total of five years of post-secondary education for a Maritime student whereas he would have only four years after twelfth grade of high school if he remained at a Maritime university throughout the duration of his education.

Institutions with English-language CEGEP programmes have been visited to date,

notably Gaspé CEGEP, Hull CEGEP, St. Lawrence College (Quebec City) and Vanier College. Although Dawson College has not as yet been visited, plans have been made to do so. One of the most important reasons behind going to CEGEP's is to provide students of junior colleges with information concerning prerequisites for entrance to Macdonald College.

No campaign of information about Macdonald has been directed at Francophone students of totally French-language CEGEP's. The difficulty seems to lie in the attitudes of some people in French-language CEGEP's who feel that English-language institutions should not attempt to recruit French-speaking students since anglicization might occur. Nevertheless, it does seem too bold to assume that a good number of graduates from French CEGEP's will join us next year as members of the Clan Macdonald.

Most of the regional high schools of rural areas in Quebec have been visited by va-

rious members of the Macdonald community. The principal objective behind going to the high schools is to give guidance to high schoolers on the availability of post-CEGEP education in various career fields. High school students who show interest in scientific studies are informed on the streams of study that must be followed in CEGEP in order to fulfill the requirements for admission to study for a science degree. These visits to rural high schools also provide the chance to make contact with students contemplating entering the diploma programme in agriculture since most diploma students come from rural Quebec.

One might ask, and quite rightfully so, what the measure of success of these visits to high schools, CEGEP's and other college has been the only indication at the present time is based on information provided by the Registrar's Office. As of March 17th, applications for admission to study received by the registrar are as below:

B.Sc. (Agr.) U-1 26 applications - U-2 10 applications

B.Sc. (F.Sc.) U-1 12 applications - U-2 1 application

Dip. in Agr. 18 applications

Most of the applications received for U-2 of agriculture come from NSAC. Many applications come from students of Vanier College. Most of the applications to the diploma course have come from students living in the English-speaking rural areas to the south-east of Montreal. A sizeable number (ie. 10) have applied or are in the midst of doing so, to transfer from McGill to Macdonald.

It is probably not being overly optimistic to expect that more applications will be received before next fall session. Although no great increase (ie. 300 students in U-1 for '72-'73!) will be realized, student enrollment per year will probably remain the same or even undergo a slight increase in comparison to other years.

After this year, it will be even more crucial to do the utmost to advertise Macdonald College since we no longer will have students coming in from the Collegial Science Equivalent programme. Numbers of students coming into U-1 at Mac from CEGEPs should increase greatly since Colleges will be turning out

their first crop of graduates.

If the Environmental Studies area acquires more academic staff which it urgently needs to undergo expansion, then it will be in this field that we can expect a great influx of students. The Food Science Department also has great potential to attract new students if this field continues to develop a high standard of excellence, that will attract new new students.

Traditional agriculture studies might undergo some modifications to make it more appealing to would-be students in these fields. When one considers the great potential of careers in Veterinary Medicine and sees the large numbers of students who have or are contemplating transfer out of Macdonald to study in this field it is saddening to remember that McGill once had one of the best Vet. schools in the world at the turn of the century. The Faculty of Agriculture should consider establishing a programme that would enable a student to gain at least one or two years credit toward a doctorate in Veterinary Medicine. Establishing an official relationship with Schools of Veterinary Medicine (ie. Guelph and St. Hyacinthe) would do much to allow the student of such a programme to complete his D.V.M. at one of these institutions. Perhaps this article will stimulate some people to agitate for action in this direction.

The diploma programme in agriculture also has enormous possibilities of expansion. More students might be drawn to this field of study if programmes were offered with more emphasis placed on agribusiness and technology. The diploma programme up to the present time has been too traditional and the orientation has been restricted to farming.

In conclusion, it should be stated that information visits to English-language CEGEP's and NSAC on the subject of Macdonald College are the most important aspects in student recruitment. Next year it will be even more urgent that a thorough, well-organized campaign of information be directed at these institutions. Nevertheless, diversification and expansion of studies already offered at Macdonald may in the final judgement be the determining factor of the number of students in our college.

MAC INTERNATIONAL ASSOC.

This is the tentative title of a new organization on campus which should bring students into contact with people and ideas from other countries.

This organization is an offshoot of C.U.S.O., but unlike its parent it is an information group and does not provide a service function.

This group has met three times to date. The first time was to view a film of C.U.S.O. and hear a talk by Mr. Andy Hamilton on the present activities of C.U.S.O.

The second meeting was a lively discussion group on the topic "Should Canadians be involved in foreign work?" where opinions differed greatly. Some of the opinions expressed were:

Yes- Now we know more about the problems that prevail in underdeveloped countries.

No- These people disrupt the existing system (social and economic).

No- They take jobs that native people could be handling.

Yes- C.U.S.O. workers fill a temporary gap in the labor market - Technical Assistants

train new workers and often develop new work programs.

Yes- Canadians learn a lot about themselves and others.

No- Why should the governments of poor countries subsidize Canadians to "find" themselves.

No- They often do more harm than good.

Yes- The above criticism is not so valid today. Volunteers are very carefully screened and are given an initiation course where they learn that they can't go to underdeveloped countries with the attitude that they with their superior technological knowledge will show those backward natives a thing or two.

No- Their mercenary attitudes are corrupting the native populations.

On Tuesday March 21 the third meeting was held where Dr. Donefer, Ben Borrel, and Jean Côté discussed their C.U.S.O. experiences in Cuba, Tanzania and Ivory Coast.

Ann Palmer

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